

ABSTRACT OF THE DISCLOSURE

The present invention provides a biochip cartridge wherein an elastic body is used for a substrate member in order to stabilize the feeding of blood or solution and whereby it is possible to avoid the risk of accidental contact of the operator with solutions due to mishandling.

The biochip cartridge comprises a tabular substrate member formed using an elastic material and a flexible cover airtightly attached to the surface of the substrate member, wherein at least an area for storing biopolymers, an area for detecting desired biopolymers from the biopolymers that have been preprocessed, and a flow path for connecting the areas is formed on the substrate member, so that biopolymers can be successively moved from the biopolymer storage area to the biopolymer detection area through the flow path.

参考文献翻訳

TaKaRa Hybridization Chamber

■ Product Description

The TaKaRa Hybridization Chamber is a cassette for hybridizing slide glass type DNA microarrays, such as TaKaRa's IntelliGene Series of DNA chips. The Chamber is compact (6 cm × 13.4 cm [TX710] or 22.3 cm × 14.6 cm [TX711]) and can accommodate one (TX710) or one to five microarray slide glasses (TX711).

By using the Chamber in combination with TaKaRa Spaced Cover Glass S/L's (TaKaRa code: TX702/TX703), you can easily perform hybridization. Place a necessary amount of 2 × SSC in the concave of the slide setting area being used. Next, set the microarray slide glass in place to spread the probe solution. Then, securely close the chamber and immerse it in a water bath to perform hybridization.